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PRODUCTION OF GRANULATED ENZYME

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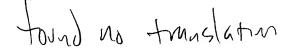
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- R018 (FLUIDIZED BEDS)

Abstract:

PURPOSE: To produce granulated enzyme having excellent disintegrability and solubility in water, extremely low dusting tendency in handling, and excellent fluidity, by granulating an enzyme in the presence of a core-forming substance.

CONSTITUTION: A water-soluble or dispersible substance to form a core of 0.1-2mn diameter, e.g. glucose, dextrin, sodium chloride, zeolite, etc. is gyrated in a granulator in fluidized state. A liquid containing an enzyme and further a binder and optionally a stabilizer is sprayed in the form of minute droplets to the gyrating substance, and if necessary, other granulation additive is scattered to the surface

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of the core to obtain spherical granules. The granules are if necessary dried, and are coated with a solution containing a surface-coating substance in a granulator in fluidized and/or gyrated state. (From: *Patent Abstracts of Japan*, Section: C, Section No. 290, Vol. 09, No. 166, Pg. 52, July 11, 1985)

JAPIO

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